## SEQUENCE LISTING

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<110> The Regents of the University of California
<120> Antimicrobial Theta Defensins and Methods of Using Same
<130> P-UC 5042
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<141> 2001-11-08
<150> PCT/US00/12842
<151> 2000-05-19
<150> US 09/309,482
<151> 1999-05-10
<160> 33
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acc gcc atg ctt Thr Ala Met Leu 10		gcc ctg cac a	gct cag gca g	
cag gca aga gct Gln Ala Arg Ala 25				
gat cag gga atg Asp Gln Gly Met	gct cat tcc	Phe Thr Trp	cct gaa aac g	
cca ctt tca gag Pro Leu Ser Glu	Ser Ala Lys			ca cga gga 307
ttc tgc cgt ttg Phe Cys Arg Leu 75		accttg ggtcc	tgege ttttegt	ggt 355
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Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys Gly Leu
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gcc atg ctt ctc ctg gtg gcc ctg cac gct cag gca gag gca cgt cag
Ala Met Leu Leu Val Ala Leu His Ala Gln Ala Glu Ala Arg Gln
 10
                     15
                                          20
gea aga get gat gaa get gee gee eag eag eet gga gea gat gat
                                                                  209
Ala Arg Ala Asp Glu Ala Ala Ala Gln Gln Pro Gly Ala Asp Asp
                   30
                                        35
cag gga atg gct cat tcc ttt aca cgg cct gaa aac gcc gct ctt ccg
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Gln Gly Met Ala His Ser Phe Thr Arg Pro Glu Asn Ala Ala Leu Pro
             45
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ctt tca gag tca gcg aga ggc ttg agg tgc,ctt tgc aga cga gga gtt
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Leu Ser Glu Ser Ala Arg Gly Leu Arg Cys Leu Cys Arg Arg Gly Val
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tgc caa ctg tta taa aggcgtttgg ggtcctgcgc ttttcgtggt tgactctgcc
                                                                  360
Cys Gln Leu Leu
     75
ggatetgetg eegetgaget teeagaatea agaaaaatae geteagaagt taetttgaga 420
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Gln Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser Phe Thr
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Gln Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser Phe Thr
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Arg Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Arg Gly Leu
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Arg Cys Leu Cys Arg Arg Gly Val Cys Gln Leu Leu Arg Arg Leu Gly
                   70
                                       75
Ser Cys Ala Phe Arg Gly Leu Cys Arg Ile Cys Cys
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Glu Gln Arg Gly Pro Glu Asp Gln Asp Ile Ser Ile Ser Phe Ala Trp 35 40 45 Asp Lys Ser Ser Ala Leu Gln Val Ser Gly Ser Thr Arg Gly Met Val 50 55 60

Cys Ser Cys Arg Leu Val Phe Cys Arg Arg Thr Glu Leu Arg Val Gly 65 70 75 80 Asn Cys Leu Ile Gly Gly Val Ser Phe Thr Tyr Cys Cys Thr Arg Val 85 90 95 Asp

<210> 24 <211> 2523 <212> DNA <213> Macaca mulatta

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<210> 25 <211> 2548 <212> DNA <213> Macaca mulatta

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ccactttcag agtcagcgaa aggcttgagg tgcatttgca cacgaggatt ctgccgtttg 120
ttataatgtc ac
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<211> 132
<212> DNA
<213> Artificial Sequence
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<223> Description of Artificial Sequence: Synthetic
   Construct
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ccgctttcag agtcagcgag aggcttgagg tgcctttgca gacgaggagt ttgccaactg 120
ttataaaggc gt
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gcc ctg cac gct cag gca gag gca cgt cag gca aga gct gat gaa gct
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Ala Leu His Ala Gln Ala Glu Ala Arg Gln Ala Arg Ala Asp Glu Ala
                    20
gcc gcc cag cag cat gca gca gat gat cag gga atg gct cat tcc
                                                                   144
Ala Ala Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser
ttt aca tgg cct gaa aac gcc gct ctt cca ctt tca gag tca gcg aaa
                                                                   192
Phe Thr Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys
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                                                   60
                                                                   237
ggc ttg agg tgc att tgc aca cga gga ttc tgc cgt atg tta taa
Gly Leu Arg Cys Ile Cys Thr Arg Gly Phe Cys Arg Met Leu
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<212> DNA

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Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser Phe Thr
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Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys Gly Leu
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Arg Cys Ile Cys Thr Arg Gly Phe Cys Arg Met Leu
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aatattacag tg
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<212> DNA
<213> Artificial Sequence
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aatatttccg ca
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<210> 32
<211> 18
`<212> PRT
<213> Macaca mulatta
Gly Phe Cys Arg Cys Ile Cys Thr Arg Gly Phe Cys Arg Cys Ile Cys
                                   .10
Thr Arg
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